

AMENDMENT UNDER 37 C.F.R. § 1.116
Appln. No. 10/024,567
Docket No. A8224

REMARKS

Claims 1-17 are all the claims pending in the application. Claims 1, 13, and 17 are independent claims. Claim 18 has been canceled without prejudice or disclaimer.

Claim Rejections Under 35 U.S.C. § 103

Claims 1-10 and 12-18 are rejected under 35 U.S.C. § 103(a) as being allegedly unpatentable over Duong et al. (US 6,081,175) in view of Cameron (US 5,739,733). Claim 11 is rejected under 35 U.S.C. § 103(a) as being allegedly unpatentable over Duong and Cameron in view of Fiedziuszek (US 4,453,146).

Applicant respectfully requests the Examiner to withdraw the rejection of independent claims 1 and 13 at least because there is no suggestion or motivation to modify the cavity resonator of Duong to include a capacitive cross-coupler, as was discussed during the personal interview earlier today. Furthermore, Applicant also respectfully requests the Examiner to withdraw the rejection of independent claim 17 at least because there is no suggestion or motivation to modify the cavity resonator of Duong to include a capacitive cross-coupler.

In addition, Applicant respectfully requests the Examiner to withdraw the rejection of dependent claims 2-10, 12, and 14-16 at least because of their dependency from one of claims 1 and 2. Applicant respectfully requests the Examiner to withdraw the rejection of claim 11 at least because of its dependency from claim 1 and because Fiedziuszek (which was cited by the Examiner in an attempt to show an insulating collar) does not make up for the deficiencies in the combination of Duong and Cameron discussed above with respect to claim 1.

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Statement of Substance of Interview

Applicants thank the Examiner and supervisor for the courtesies extended to Applicant's representative during the personal interview earlier today in which independent claims 1 and 13, as well as Duong and Cameron were discussed.

Applicants thank the Examiner for indicating that the prior art of record has been overcome at least because there is no motivation or suggestion to modify Duong's cavity resonator to include a capacitive coupler. As discussed during the interview, cavity resonator filters do not generally employ both capacitive cross-couplers and inductive cross-couplers because capacitive cross-couplers and inductive cross-couplers have the opposite effect.

In addition, in accordance with the discussion, Applicants have made a minor clarifying amended to independent claim 13 so that it is clear that it is the cross-coupling effect between the first and second resonators that it adjusted. This amendment does not alter the scope of subject matter claimed, but merely uses claim terminology preferred by the Examiner and supervisor.

Conclusion

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

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The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

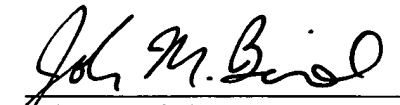
Respectfully submitted,

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